

In re: S. Application of:

Applicants: Takeda et al.

Serial No.: 09/663,580

Conf. No.: 2108

Filed: September 15, 2000

For: VERTICALLY-ALIGNED (VA)  
LIQUID CRYSTAL DISPLAY  
DEVICE

Art Unit: 2871

Examiner: Nguyen, D.

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date

July 9, 2004

Date

Attorney for Applicant  
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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of foreign patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art. Copies of four (4) European Search Reports are also enclosed.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

**Customer No. 24978**

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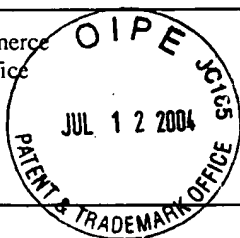
Respectfully submitted,

GREER, BURNS &amp; CRAIN, LTD.

By:

Josh C. Snider, Reg. 47,954

Form PTO-1449 U.S. Department of Commerce  
(Rev. 8-88) Patent and Trademark Office



Attorney Docket No.: 2803.64680

Serial No.: 09/663,580

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Applicant: Takeda et al.

Filing Date: September 15, 2000

Group: 2871

### U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	09-120072	May 6, 1997	Japan			Abs.	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Aratani et al., "Complete Suppression of Color Shift in In-Plane Switching Mode Liquid Crystal Displays with a Multidomain Structure Obtained by Unidirectional Rubbing," Japanese Journal of Applied Physics, Tokyo, JP, Vol. 36, No. 1A/B, Part 2, January 15, 1997, pp. L27-L29.
	Anonymous, "Liquid Crystal Display," Research Disclosure, vol. 41, No. 409, May 1, 1998.

Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.